



## **AG-401**

### Acid Gelling Agent/Acid Retarder

**AG-401** is a highly effective HCL Gelling Agent that provides stable acid gel up to 150°F, and retards acid at temperatures up to 200°F.

**AG-401** retards HCL for improved treatment and is compatible with all cationic and nonionic acidizing and stimulation additives and acid corrosion inhibitors.

**AG-401** is designed for applications in acidizing and fracturing operations and gels HCL up to 38% and provides stable viscosities at temperature up to 150°F. In 15% HCL, viscosities of 50 to 60 cPs are economically produced.

**AG-401** retards the spending of the acid resulting in increased penetration and treatment effectiveness. **AG-401** provides excellent suspension of fines and enhanced formation, and near well bore clean up during flow back.

<b>Specific Gravity:</b>	7.38
<b>Appearance:</b>	Light Amber to Yellow Liquid
<b>Solubility:</b>	Water & 15% HCL
<b>pH: (10% Solution)</b>	6.5-7.5

*See MSDS*

**AG-401 is recommended** at 10-50 gallons per 1,000 gallons depending on acid strength and other additives as well as viscosity. The gel will form immediately upon the addition of **AG-401**. It should be circulated to assure uniform mixing of the **AG-401** to provide a consistent viscosity of the treatment fluid

**AG-401** is available in 5 gallon pails, 55 gallon drums and 275 and 330 gallon totes.